

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **10239498 A**(43) Date of publication of application: **11.09.98**

(51) Int. Cl.

G21K 4/00
C09K 11/61
(21) Application number: **09044362**(22) Date of filing: **27.02.97**(71) Applicant: **TOSHIBA CORP**
(72) Inventor:
TAKAHARA TAKESHI
SAITO AKIHISA
KOYAIZU EIJI
TAMAYA MASAOKI
ARUBESAARU KEIKO
MATSUDA NAOHISA
FUKAZAWA YOSHIKAZU
(54) **RADIOSENSITIZING SHEET**

(57) Abstract:

PROBLEM TO BE SOLVED: To improve the granularity of a photographic system without losing the higher sensitivity of a radiosensitizing sheet by a rare earth activated alkali metal fluoride halide phosphor.

SOLUTION: A phosphor layer 2 consisting of a rare earth activated alkali earth metal fluoride halide phosphor is provided on a support body 1. As the phosphor particle constituting the phosphor layer 2, a circular rare earth activated alkali earth metal fluoride halide phosphor particle subjected to high- temperature thermal plasma treatment is used. A protecting film 3 is provided on the phosphor layer 2, whereby a radiation intensifying screen 4 is constituted.



COPYRIGHT: (C)1998,JPO

AN: PAT 1998-546028

TI: Radiation sensitizing paper consisting of lamination of substrate, fluorescent layer and protecting layer

PN: JP10239498-A

PD: 11.09.1998

AB: The radiation sensitizing paper consists of lamination of a substrate, a fluorescent layer, a protecting layer.; USE - The radiation sensitizing paper is used for taking X-ray image. ADVANTAGE - The granulating ability is improved without incurring of spoiling sensitivity of a sensitizing paper, caused by rare earth activated alkaline earth metal fluorohalogenated fluorescent matter.

PA: (TOKE) TOSHIBA KK;

FA: JP10239498-A 11.09.1998;

CO: JP;

IC: C09K-011/61; G21K-004/00;

MC: K08-A; S03-E06B; S03-E06H5;

DC: K08; S03;

FN: 1998546028.gif

PR: JP0044362 27.02.1997;

FP: 11.09.1998

UP: 16.11.1998

